

AMENDMENT TO THE CLAIMS

Please amend claims 1-4, 12, and 15-17 and cancel claims 20-24, leaving the following claims 1-4 and 6-17 still pending. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for managing a remote client on a network, the method comprising:
transmitting a request for wake-on-LAN status information to a plurality of clients;
receiving a response from one or more of the clients, the response including an indication of wake-on-LAN functionality status of the client;
updating the status of the wake-on-LAN functionality of the responding clients in a database;
determining one or more clients to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that its wake-on-LAN functionality status is active, ~~wherein determining a client to be managed based on the received statuses includes determining whether the client is active on the network~~;
determining one or more clients not to be managed from the plurality of clients by determining that a particular client should not be managed in response to not receiving a response from the particular client that its wake-on-LAN functionality is active;
in response to receiving responses from the one or more clients and determining one or more ~~a~~ clients to be managed, transmitting a first network packet only to the determined one or more clients to be managed using the network and not to the one or more clients determined not to be managed, the first network packet comprising a wake-on-LAN packet; and

receiving, from the determined client, a return wake-on-LAN packet, the return wake-on-LAN packet comprising an indication of the address of the client and an indication of the status of the wake-on-LAN functionality of the client.

2. (Currently Amended) The method of claim 1, further comprising transmitting a command to start a management session on the one or more clients to be managed ~~the determined client~~ using the network.
3. (Currently Amended) The method of claim 2, further comprising:
receiving an indication from ~~the~~ determined client that the client's wake-on-LAN functionality is disabled; and
transmitting an override command to the determined client with wake-on-LAN functionality disabled.
4. (Currently Amended) The method of claim 1, further comprising:
receiving an indication that the management session is complete; and
marking the one or more clients to be managed ~~determined client~~ in a database as having completed its management session.
5. (Canceled)
6. (Original) The method of claim 1, wherein the wake-on-LAN packet comprises an indication of the client address.
7. (Original) The method of claim 1, wherein the wake-on-LAN packet comprises an indication of a broadcast wake-on-LAN command.
8. (Original) The method of claim 1, wherein the wake-on-LAN packet comprises an indication of an address for the transmitting computer.
9. (Previously Presented) The method of claim 1, wherein at least one response from a client to the request for wake-on-LAN information comprises an indication that the client has wake-on-LAN enabled.

10. (Previously Presented) The method of claim 1, wherein at least one response from a client to the request for wake-on-LAN information comprises an indication that the client has wake-on-LAN disabled.
11. (Original) The method of claim 1, wherein the network is an Ethernet network.
12. (Currently Amended) An data processing system for managing a remote client on a network, the system comprising:
 - a server computer system in communication with at a plurality of client computer systems, the server computer system comprising a processor capable of determining whether the client computer system is active;
 - wherein the server computer system transmits requests for wake-on-LAN status information to a plurality of clients and receives responses from one or more of the clients that include an indication of wake-on-LAN functionality status of the client;
 - wherein the server computer system determines one or more clients ~~a client~~ to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that its wake-on-LAN functionality status is active and by determining that a particular client should not be managed in response to not receiving a response from the particular client that its wake-on-LAN functionality is active;
 - wherein the server computer system is capable of transmitting a first network packet only to determined ~~client computer systems associated with clients determined to be managed~~, the first network packet comprising a wake-on-LAN packet;
 - wherein the server computer system is capable of receiving a return wake-on-LAN packet from ~~the determined~~ client computer systems, the return wake-on-LAN packet comprising an indication of the address of the client and an indication of the status of the wake-on-LAN functionality of the client; and

a database, the database comprising an indication of one or more clients and the status of their wake-on-LAN functionality.

13. (Original) The system of claim 12, wherein the network comprises an Ethernet network coupled to the server computer system and the at least one client computer system.

14. (Original) The system of claim 12, further comprising a plurality of client computer systems, the plurality of client computer systems being capable of creating a return wake-on-LAN packet.

15. (Currently Amended) A computer storage medium containing instructions effective, when executing in a data processing system, to cause said data processing system to perform operations comprising:

transmitting a request for wake-on-LAN status information to a plurality of clients;

receiving a response from one or more of the clients, the response including an indication of wake-on-LAN functionality status of the client;

updating the status of the wake-on-LAN functionality of the responding clients in a database;

determining one or more clients to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that its wake-on-LAN functionality status is active, ~~wherein determining a client to be managed based on the received statuses includes determining whether the client is active on the network~~;

determining one or more clients not to be managed from the plurality of clients by determining that a particular client should not be managed in response to not receiving a response from the particular client that its wake-on-LAN functionality is active;

in response to receiving responses from the one or more clients and determining one or more a-clients to be managed, transmitting a first network packet only to the determined one or more clients to be managed using the network and not to the one or more clients determined not to be managed, the first network packet comprising a wake-on-LAN packet; and receiving, from the determined client, a return wake-on-LAN packet, the return wake-on-LAN packet comprising an indication of the address of the client and an indication of the status of the wake-on-LAN functionality of the client.

16. (Currently Amended) The computer storage medium of claim 15 wherein the operations further comprise transmitting a command to start a management session on the one or more clients to be managed ~~the determined client~~ using the network.

17. (Currently Amended) The computer storage medium of claim 15 wherein the operations further comprise:
receiving an indication from ~~the~~ determined client that the client's wake-on-LAN functionality is disabled; and
transmitting an override command to the determined client with wake-on-LAN functionality disabled.

18-24. (Canceled)